

April 15, 2003

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: James D. Smith, Senior Reclamation Specialist

RE: 1999 Fourth Quarter Water Monitoring, CO-OP Mining Company, Bear Canyon Mine, ACT/015/025-WQ99-4

- 1. Were data submitted for all of the MRP required sites?** YES [ X ] NO [ ]  
*Identify sites not monitored and reason why, if known:*

**2. On what date does the MRP require a five-year resampling of baseline water data.**  
*See Technical Directive 004 for baseline resampling requirements. Consider the five-year baseline resubmittal when responding to question one above. Indicate if the MRP does not have such a requirement.*

**Resampling Due Date**

Renewal submittal due 07/02/00, renewal due 11/02/00. Baseline parameters are to be taken in August of year 5 prior to each permit renewal (Table 7.1-8).

- 3. Were all required parameters reported for each site?** YES [ ] NO [ X ]  
*Comments, including identity of monitoring site:*

SBC-9: Total Cations and Total Anions not reported;  
DH-1A: Dissolved Mn and Total Mn not reported;

**4. Were irregularities found in the data?** YES [ X ] NO [ ]

*Comments, including identity of monitoring site:*

SBC-4: K (n = 24) is outside the two standard-deviation range;  
SBC-9: Flow (n = 41) and Na (n = 22) are outside the two standard-deviation range;  
SMH-2: Lab Specific Conductivity (n = 10) is outside the two standard-deviation range;

**5. Were DMR forms submitted for all required sites?**

1<sup>st</sup> month, YES [X\*] NO [ ]  
2<sup>nd</sup> month, YES [X\*] NO [ ]  
3<sup>rd</sup> month, YES [X\*] NO [ ]

*Identify sites and months not monitored:*

\*No reports for site -007, but this sedimentation pond at the Wild Horse Ridge Addition has not been built yet.

**6. Were all required DMR parameters reported?** YES [ ] NO [ X ]

*Comments, including identity of monitoring site:*

UTG040006-004 October, November, and December: 7-day Avg TSS was not reported.

**7. Were irregularities found in the DMR data?** YES [ X ] NO [ ]

*Comments, including identity of monitoring site:*

UTG040006-004 October: TDS-DMxDMR in mg/L (n = 90) was outside the two standard-deviation range.

**8. Based on your review, what further actions, if any, do you recommend?**

Irregularities in monitoring data do not appear significant and no further action is recommended other than watching for possible trends.